Amendments to the Drawings:

The attached sheet of drawings includes changes to Fig.3. This sheet, which includes Figs.3, replaces the original sheet including Figs.3. No changes have been made to Figs.3 except for the spelling correction in Step 118 as requested by the Examiner.

Attachment: Replacement Sheet

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REMARKS/ARGUMENTS

Examiner:

The drawings are objected to because on Figure 3, step 118, "Performe" should be –Perform--.

Response:

Please amend the drawings as indicated in the "Amendments to the Drawings" section of this response to correct this oversight. No new material has been introduced.

Examiner:

The disclosure is objected to because of the following informalities:

Page 1, line 11 of paragraph 4: "running power" should be –running optimum power--. Page 13, last line, "disc;" should be –disc--. Claim 8, line 2, "fist" should be –first--.

Response:

Please amend the specification as indicated in the "Amendments to the Specification" section of this response to correct this oversight in Paragraph [0004]. No new material has been introduced.

The other two cited informalities are also corrected as required in the "Amendments to the Claims" section of this response. No new material has been introduced.

Examiner:

Claims 1-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Miyata (US 6,052,347) in view of the applicant's admitted prior art.

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Response:

Please amend the claims of the current application as indicated in the "Amendments to the Claims" section of this response to more distinctly point out and claim the current invention.

Miyata discloses a power control method applied to discs formatted as a modified constant linear velocity (MCLV or ZCLV) disc (Abstract, claim 1). Miyata defines modified constant linear velocity as "The angular velocity of the ZCLV disk 1 is stepped incrementally for each zone, the inner zones (zone 1 and zone 2) being at a higher angular velocity than the outer zones (zone 3 and zone 4). (Col.2, lines 47-53, and Fig.2a) .

On the other hand, the present invention relates to power control for a constant angular velocity (CAV) mode disc (Paragraph [0009], claims 1-10).

If, as the Examiner suggests, the teachings of Miyata are modified to include the applicant's admitted prior art, the modified teachings still do not anticipate the amended claims because, among other reasons, the current claims state that a CAV mode is part of the method, and that the same angular velocity is used in all of the plurality of zones. This is different from Miyata who utilizes a different angular velocity in each zone, such that the linear velocity of the first tract within each zone is the same (Fig.2b). As stated in Paragraph [0008] of the present application, a present invention advantage of using CAV over CLV is that it is easier to increase the read/write speed of the CAV disc. Attempting to modify Miyata to utilize an incompatible CAV disc not only is not suggested in the reference, but doing so would change a principle of operation of the disclosure by changing the format and method used and is therefore not obvious.

The present application offers the advantage of allowing ROPC utilizing CAV mode discs, which in turn, makes it easier to increase the access speed of the disc. All current claims specifically point out the limitations and applications of the

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present disclosure. These limitations make the present invention distinct and useful, having features not found or suggested in known prior art. Therefore, the Applicant respectfully requests consideration and allowance of amended claims 1-10.

Respectfully submitted,

Winston Hsu Date: April 11, 2005

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Note: Please leave a message in my voice mail if you need to talk to me. The time in D.C. is 13 hours behind the Taiwan time, i.e. 9 AM in D.C. = 10 PM in Taiwan).

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